

FIG. 24

← Illuminating and Imaging Section

Excitation beam path

L1: 50 mm f.l.

L2: 150 mm f.l.

L3: cylindrical lens 75 mm f.l.

S1: slit aperture, 25 μ m wide x 3 mm long

L4: 75 mm f.l.

BS: beam splitter (dichroic II used in fluorescence)

M1*: front side of bilateral scanning mirror

L5: 150 mm f.l.

W1 & W2: glass windows index matched to fiber bundle (not needed for fluorescence)

OL: objective lens

Return beam path

L6: 75 mm f.l.

S2: slit aperture, 25 μ m wide x 3 mm long

L7: 75 mm f.l.

M1**: back side of bilateral scanning mirror

L8: 150 mm f.l.

Illuminating and Imaging Section ↙

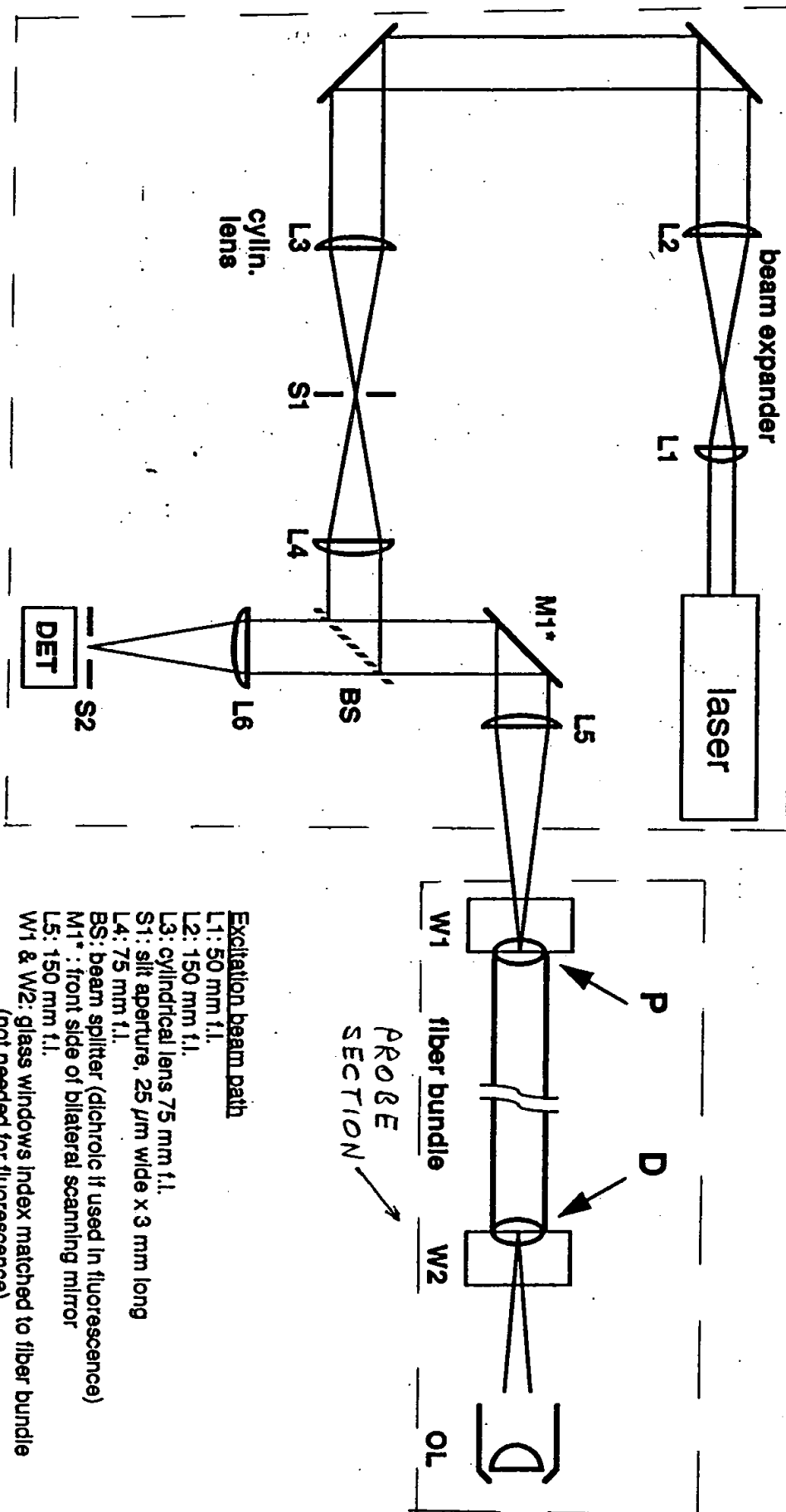


FIG. 2B

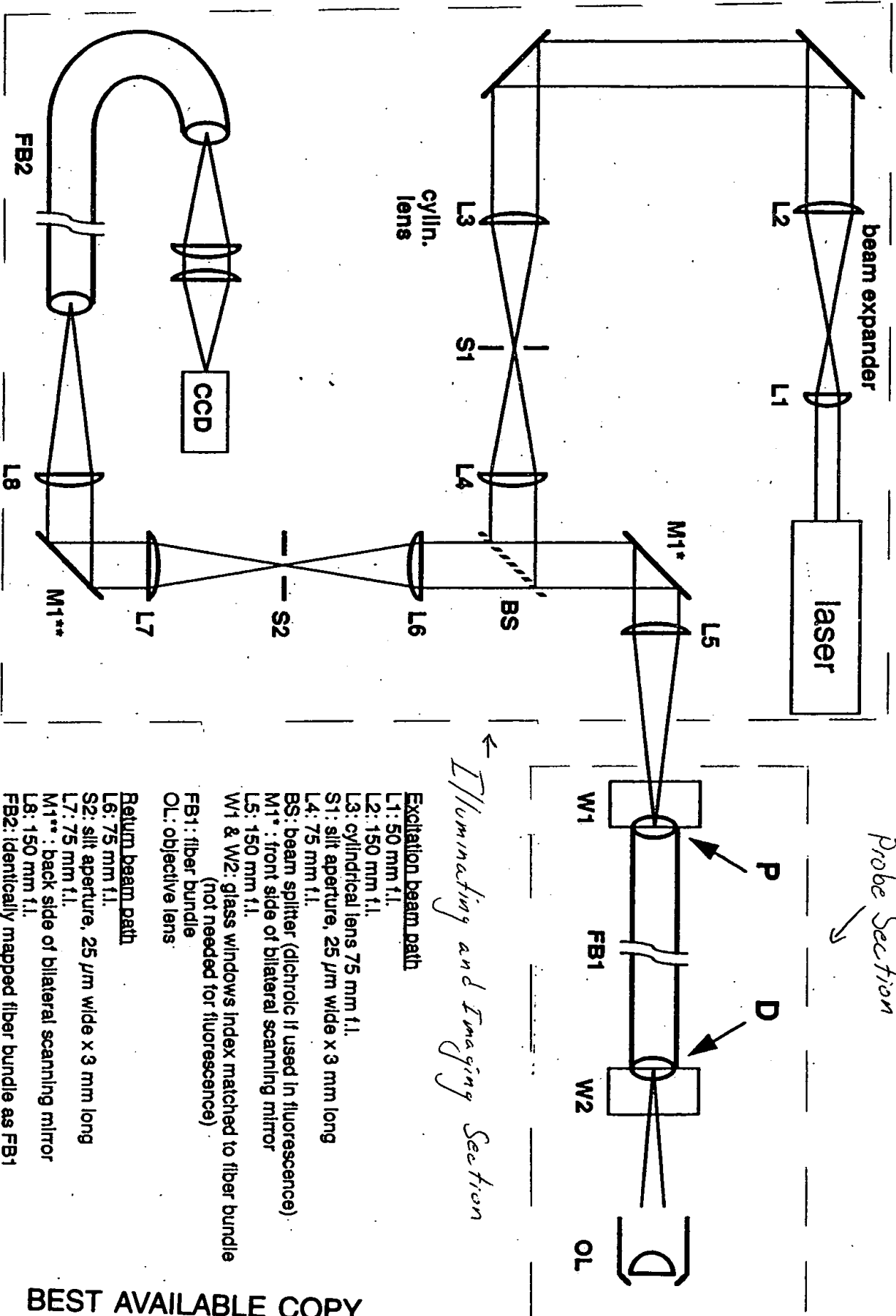


FIG. 2C